



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: T- 5548

Format No: CP/TF/01

TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2018-03-23-01 Date: 26-03-18

Customer : Assistant Executive Engineer, Shettyhalli Sub division, BBMP, Bangalore.

Address : Shettyhalli Sub division, BBMP, Bangalore.

Project Name : Construction of RCC drains at 8th cross right side in Santosh nagara in Ward no.13 Shettyhalli Sub division.

Agency : Sri. Nischal .K Lakshman, No.3667, 5th cross, 'B' block, Gayatrinagara, Bengaluru-21

Customer's Reference : EE/DD/VO/359/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 23-03-18

Sample ID No : 2018-03-23-01 /03

Sample Type : Fine Aggregate

Reference to BIS codes : IS 383 : 2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption

Date of test : 23-03-18

Total weight taken : 1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	32	32	3.2	96.8	90-100	90-100	90-100	95-100
3	2.36 mm	204	236	23.6	76.4	60-95	75-100	85-100	95-100
4	1.18 mm	167	403	40.3	59.7	30-70	55-90	75-100	90-100
5	600 micron	201	604	60.4	39.6	15-34	35-59	60-79	80-100
6	300 micron	211	815	81.5	18.5	5-20	8-30	12-40	15-50
7	150 micron	134	949	94.9	5.1	0-10	0-10	0-10	0-15
8	Pan	51	1000	100.0	0.0	---	---	---	---

Result : The tested Sample Conforms to Grading Zone II

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AE-13
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ಶಿಬಿರಕಲ್ಪ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ನಗರ ಪಾಲಿಕೆ

M : 9972924526 | Tel : 91.80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2018-03-23-01

Date: 26-03-18

Sample ID No : 2018-03-23-01 /03

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	2.21	—
2	Specific Gravity	2.57	—
3	Material finer than 75 micron(%)	5.1	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

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Samples will be disposed after 90 days from the date of issue of test certificate

AE-13

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ಶಿಬ್ಬಹಳ್ಳಿ ಸುಪ್ರೀಂ, ದಾಸರಹಳ್ಳಿ ವಲಯ
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ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ



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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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****End of Report****

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Format No: CP/TF/01

TEST RESULTS OF STEEL

Lab ID : CP-2018-03-23-01 Date: 26-03-2018

Customer : Assistant Executive Engineer, Shettyhalli Sub division, BBMP, Bangalore.

Address : Shettyhalli Sub division, BBMP, Bangalore.

Project Name : Construction of RCC drains at 8th cross right side in Santosh nagara in Ward no.13 Shettyhalli Sub division.

Agency : Sri. Nischal .K Lakshman, No.3667, 5th cross, 'B' block, Gayatrinagara, Bengaluru-21

Customer's Reference : EE/DD/VO/359/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 23-03-2018

Sample ID No : 2018-03-23-01 /05

Sample Type : Sunvik

Reference to BIS codes : IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.

Date of test: : 24-03-2018

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm ²)	(N/mm ²)	(%)		
1	Sunvik	Fe500	8	0.336	545	652	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.619	566	665	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.877	575	672	19.0%	Satisfactory	Satisfactory

Note:

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 ಕಾರ್ಯಕರ್ತರ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
 ಶಿಲ್ಪಕಲಾ ವಿಭಾಗ, ದಾಖಲೆ ಸಂಖ್ಯೆ
 ಬೆಂಗಳೂರು, 26-03-2018



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 Quality Manager



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TEST REPORT OF PRECAST COVER SLAB

Lab ID : CP-2018-03-23-01
 Customer : Assistant Executive Engineer, Shettyhalli Sub division, BBMP, Bangalore.
 Address : Shettyhalli Sub division, BBMP, Bangalore.
 Project Name : Construction of RCC drains at 8th cross right side in Santosh nagara in Ward no.13 Shettyhalli Sub division.
 Agency : Sri. Nischal .K Lakshman, No.3667, 5th cross, 'B' block, Gayatrinagara, Bengaluru-21
 Customer's Reference : EE/DD/WO/359/17-18
 Source of Sample : Sample supplied by Agency
 Sample Condition : Satisfactory
 Date of Receipt : 23-03-18
 Sample ID No : 2018-03-23-01 /06
 Sample Type /Size : Precast Cover Slab
 Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete
 Date of test : 24/03/2018

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm ²)	(N/mm ²)	(N/mm ²)
1	Cover Slab-1	75.67	100.26	1.416	4496	100.4	22.3	20.8	26.0
2	Cover Slab-2	75.38	100.32	1.412	4462	97.8	21.9	20.4	25.5
3	Cover Slab-3	75.29	100.51	1.418	4451	95.9	21.5	20.0	25.0

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2018-03-31-01 Date: 04/04/2018

Customer : Assistant Executive Engineer, Shettyhalli Sub division, BBMP, Bangalore.

Address : Shettyhalli Sub division, BBMP, Bangalore.

Project Name : Construction of RCC drains at 8th cross right side in Santosh nagara in Ward no.13 Shettyhalli Sub division.

Agency : Sri. Nischal .K Lakshman, No.3667, 5th cross, 'B' block, Gayatrinagara, Bengaluru-21

Customer's Reference : EE/DD/WO/359/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 31-03-18

Sample ID No : 2018-03-31-01 /01

Customer ID : Drain Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	Drain Concrete	M20	28/03/2018	04/04/2018	149.47 X 150.22 X 151.78	22453	8.172	384.0	17.1	17.6
2	Drain Concrete	M20	28/03/2018	04/04/2018	150.69 X 151.28 X 150.39	22796	8.165	398.9	17.5	
3	Drain Concrete	M20	28/03/2018	04/04/2018	149.77 X 150.46 X 150.78	22534	8.199	407.9	18.1	

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ವ್ಯವಸ್ಥಾಪಕ ಅಭಿಯಂತರರು, ಶಿಬಿರಕಟ್ಟೆ
ಪುನಃ ಪರಿಶೀಲನೆ

Page 1/1 ರವಿವರಣೆ, ಶಿಬಿರಕಟ್ಟೆ
End of Report

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Sig.....
Date.....
BANGALORE

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2018-03-31-01 Date: 04/04/2018

Customer : Assistant Executive Engineer, Shettyhalli Sub division, BBMP, Bangalore.

Address : Shettyhalli Sub division, BBMP, Bangalore.

Project Name : Construction of RCC drains at 8th cross right side in Santosh nagara in Ward no.13 Shettyhalli Sub division.

Agency : Sri. Nischal .K Lakshman, No.3667, 5th cross, 'B' block, Gayatrinagara, Bengaluru-21

Customer's Reference : EE/DD/WO/359/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 31-03-18

Sample ID No : 2018-03-31-01 /01

Customer ID : Drain Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	Drain Concrete	M20	28/03/2018	04/04/2018	149.22 X 150.24 X 150.66	22419	8.212	399.1	17.8	17.7
2	Drain Concrete	M20	28/03/2018	04/04/2018	150.47 X 150.21 X 150.69	22602	8.174	409.1	18.1	
3	Drain Concrete	M20	28/03/2018	04/04/2018	150.22 X 150.47 X 150.24	22604	8.165	386.5	17.1	

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 ಸಂಖ್ಯೆ: 13
 ಶ್ರೀಮತಿ ಸುಷ್ಮಿತಾ ಎಸ್.ಎಸ್.ಎಸ್.
 ಶಿಕ್ಷಕಿ, ಮಹಿಳಾ ಶಿಕ್ಷಣ ಕೇಂದ್ರ
 ಬೆಂಗಳೂರು, 04/04/2018

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 Sig.
 Date.
R. KARTHIK RECHAN
 Authorized Signatory
 Quality Manager

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